

WHITE RIVER BASIN

07071500 ELEVEN POINT RIVER NEAR BARDLEY, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	TIME	DIS- CHARGE, INST. (CUBIC FEET PER SECOND) (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (µS/cm) (00095)	PH WATER FIELD (STAND- ARD UNITS) (00400)	OXYGEN, DIS- SOLVED (mg/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (mg/L) (00340)	COLI- FORM, FECAL, 0.7 µm-MF (COLS./ 100 mL) (31625)	STREP- TOCOC- CI FECAL, KF AGAR PER (COLS. 100 mL) (31673)	ALKA- LITY WAT WH TOT FET FIELD (mg/L as CaCO ₃) (00410)
NOV 1996											
05...	1100	601	13.5	335	8.06	9.9	93	--	K6	K18	178
JAN 1997											
22...	1100	951	12.0	335	7.96	10.7	100	<10	K14	55	168
MAR											
27...	1010	1340	12.0	270	7.31	10.7	97	--	K17	K11	138
APR											
08...	0950	2500	13.0	242	7.19	11.1	103	--	180	141	115
JUN											
11...	1815	769	18.0	337	7.98	8.5	90	<5	24	K9	172
AUG											
06...	1655	538	19.5	349	7.56	10.6	112	--	K4	20	180

DATE	BICAR- BONATE WATER WH IT FIELD (mg/L as HCO ₃) (00450)	CAR- BONATE WATER WH IT FIELD (mg/L as CO ₃) (00447)	NITRO- GEN, NO ₂ +NO ₃ TOTAL (mg/L as N) (00630)	NITRO- GEN, NITRITE TOTAL (mg/L as N) (00615)	NITRO- GEN, AMMONIA TOTAL (mg/L as N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (mg/L as N) (00625)	PHOS- PHORUS TOTAL (mg/L as P) (00665)	PHOS- PHORUS ORTHO TOTAL (mg/L as P) (70507)	HARD- NESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS- SOLVED (mg/L as Ca) (00915)
NOV 1996										
05...	217	0	0.600	<0.010	0.010	<0.20	<0.020	<0.010	--	--
JAN 1997										
22...	205	0	0.710	<0.010	0.020	<0.20	<0.020	<0.010	170	36
MAR										
27...	168	0	0.580	<0.010	<0.010	<0.20	<0.020	<0.010	--	--
APR										
08...	140	0	0.450	<0.010	0.020	<0.20	0.020	0.010	--	--
JUN										
11...	209	0	0.560	<0.010	0.020	0.26	<0.020	<0.010	190	39
AUG										
06...	223	0	0.510	<0.010	0.020	<0.20	<0.020	<0.010	--	--

DATE	MAGNE- SIUM, DIS- SOLVED (mg/L as Mg) (00925)	SODIUM, DIS- SOLVED (mg/L as Na) (00930)	POTAS- SIUM, DIS- SOLVED (mg/L as K) (00935)	SULFATE DIS- SOLVED (mg/L as SO ₄) (00945)	CHLO- RIDE, DIS- SOLVED (mg/L as Cl) (00940)	FLUO- RIDE, DIS- SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (mg/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (mg/L) (00530)	ALUM- INUM, TOTAL RECOV- ERABLE (µg/L as Al) (01105)	ALUM- INUM, DIS- SOLVED (µg/L as Al) (01106)
JAN 1997										
22...	20	1.5	1.1	2.8	2.5	<0.10	168	4	40	9.9
JUN										
11...	22	1.4	1.2	2.3	2.6	<0.10	182	3	60	5.1

DATE	CADMIUM TOTAL RECOV- ERABLE (µg/L as Cd) (01027)	CADMIUM DIS- SOLVED (µg/L as Cd) (01025)	COPPER, DIS- SOLVED (µg/L as Cu) (01040)	IRON, DIS- SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOV- ERABLE (µg/L as Pb) (01051)	LEAD, DIS- SOLVED (µg/L as Pb) (01049)	MANGA- NESE, DIS- SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOV- ERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOV- ERABLE (µg/L as Zn) (01092)	ZINC, DIS- SOLVED (µg/L as Zn) (01090)
JAN 1997										
22...	<1	<1.0	<1.0	8.0	<1	<1.0	3.5	<0.10	1	<1.0
JUN										
11...	<1	<1.0	<1.0	4.0	<1	<1.0	5.7	<0.10	<1	<1.0

K--Results based on colony count outside the acceptable range (non-ideal colony count).